

ASTRO
ADVENTURES

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ISLAMABAD

Bringing a telescope within every child's reach.

 /astroadventuresisb



The Story of Astro Adventures

Astro Adventures Islamabad is a group of amateur astronomers located in Islamabad. We hold astronomy related activities from time to time. Our activities include observational sessions within the group, at educational institutes and as public events. We also do public outreach activities to promote astronomy in Islamabad and nearby regions.

We actively engage with educational institutes inside and near the Islamabad/Rawalpindi region as well as astronomical societies from other cities. In the past, we have collaborated with organizations such as the Institute of Space Technology (IST) and National University of Science and Technology (NUST), UET Taxila and many more educational institutes. We also work closely with Lahore Astronomical Society (LAST) to promote astronomy related activities in Pakistan.

Over the last 6 years we have conducted more than 100 events, in educational institutes as well as the general public. Continuing in our tradition we would like to propose to have an event at your prestigious institute, so that students of your educational institute can have a hands-on experience of astronomy

**6 Years ...
100 events &
counting!**





Khawar Ali Sher
Founder Astro Adventures
General Secretary of Pak
Astronomers,
Islamabad.



The Founder of Astro Adventures, Khawar is one of the pioneers of Astronomy in Pakistan. Khawar is a Marketing and business management professional and has an MBA from IBA Karachi.

From 2015 to date, he has conducted over 100 observation sessions, workshops and talks all across the country. He has working relations with all the governmental and private entities working for science and educational activities in the Country.

He aims to work on the tourism potential of the country, and develop Astro Adventures as an astro tourism-based setup.

For more details about Khawar please visit the link below:

<https://khawarsher.com>



PTV World News, 23 Aug 22

Recently appeared on PTV World News, to raise awareness about Astronomy in Pakistan.



NIC Islamabad, September 2018.

Activities & Engagements

Being the only astronomy club of the Federal Capital, Astro Adventures in collaboration with Pak Astronomers Islamabad has held over 100 events, in almost every major school, college, university and public space in Islamabad. Over the years, we have developed our expertise in conducting astronomy observation events, telescope making workshops, astrophotography workshops and even solar observation sessions.

Solar, Lunar and Astronomy Observation Sessions

The most specular and easiest object to view in the night sky is the Moon! It has its own awe and attraction, and for centuries has been the unparalleled standard of beauty for humans.

When seen through the lens of a telescope, the Lunar Surface features become prominent, and that single observation has the power to make a mind curious and excited for a life time!



TELESCOPE MAKING WORKSHOP

Our telescope making workshops are aimed at giving the students a first hand experience of making a simple telescope. The hands on learning experience provides for a fun filled day long activity, along with amazing insights of optical physics.

Suitable for:
Grade 5 to Grade 8.

Workshops & Lecture Series

Ready made curriculum ideal for Summer Camps and Short Courses.

Over the years, Astro Adventures has developed a ready-made curriculum and lectures about Astronomy and related topics. The following topics are covered in our ready-made curriculum and lecture series:

Part- I: The Fundamentals

1. Astronomy and the Night Sky.
2. Our Cosmic Neighborhood.
3. Astronomy, Islam and contributions of Muslim Scientists.

Part- II: Human Exploration

4. Astronomy through the Ages
5. The Earth and the Moon
6. Space Exploration Missions

Part- III: The Space Age of Mankind

7. Future planned missions
8. Terraforming: The way forwards
9. An inter-planetary species!



Ready to use, telescope making kits are also available.



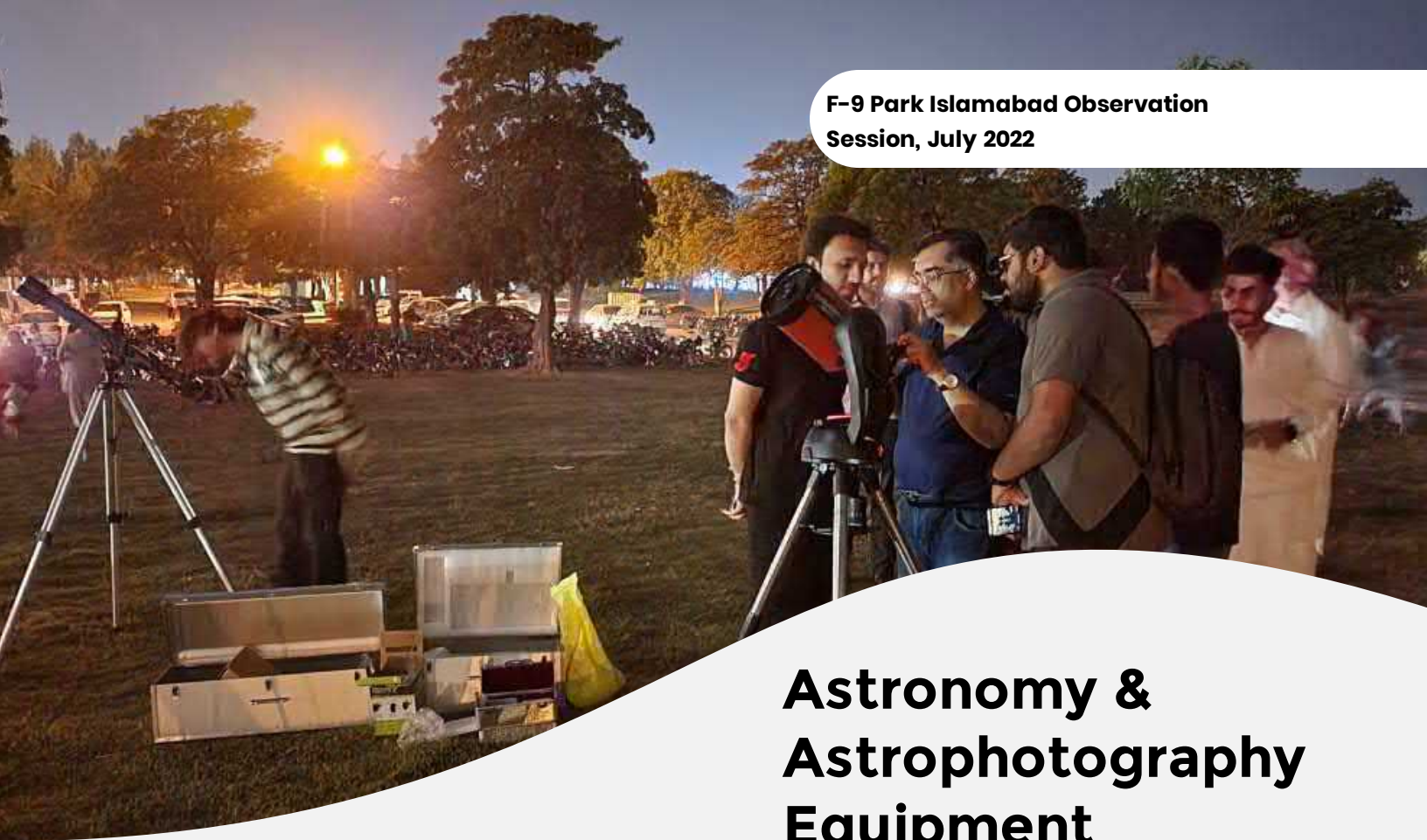
Outreach and Public Engagement

Out reach and public engagement has been one of the priorities of Astro Adventures since inception.

Being a staunch advocate of equal opportunity and access to education, Khawar has appeared on several TV shows, held various talks and public discourse events in order to spread awareness about astronomy.

Astro Adventures hold a **monthly observation session** in F-9 Park Islamabad, which is **absolutely free for the general public**, the objective being public engagement and outreach.





Astronomy & Astrophotography Equipment

Astronomy and Astrophotography equipment is not only difficult to obtain, but it is also very costly, therefore making it very difficult for the general public to have access to it. Astro Adventures has a collection of the latest amateur astronomy equipment, which is privately owned by all the members of the group.

We have state of the art computerized telescopes, which can be used for astronomy observation as well as astrophotography. We also have dedicated specialized cameras, adapters and motion tracking / Goto mounts which are very helpful for amateur astrophotography.





Want to organize an observation event?

Keeping in view our expertise and experience of holding observation events at various places all across the country, we can help your institute hold an observation session too!

To get in touch with us, you can contact us via the following:

- Contact Person: Khawar Ali Sher
- Contact Number: 0321 5113643
- E-Mail: khawaralisher@gmail.com
contactme@khawarsher.com

Brief Check List for Astronomy Observation Events:

Following is a brief check list for observation events, the purpose of this check list is to inform you about the potential challenges we might face for holding an event.



Observation Session cannot be held in cloudy weather!



Solar sessions can be held on any day with clear weather, although solar sessions tend to get a bit underwhelming.



Astronomy observation sessions are always limited to objects visible during that time of the year.



CERTIFICATE *of* PARTICIPATION

*The International Observe the Moon Night Coordinating Committee
is proud to present this certificate of participation to*

*Khawar Ali Sher
Islamabad Astronomy Society.*

on the 16th of October, 2021



International
Observe the Moon
Night

2021



moon.nasa.gov/observe



Sat, October 16, 2021 06:10 PM





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